

ABSTRACT OF THE DISCLOSURE

A refractive power measurement apparatus capable of measuring a refractive power of an optical system to be measured with a simple constitution at low cost. The refractive power measurement apparatus includes a projection optical system which projects measurement light onto an optical system to be measured, a photo-receiving optical system provided with a photodetector which photo-receives the measurement light from the optical system to be measured and a lens system which guides the measurement light onto the photodetector, a moving device for moving the lens system within a plane intersecting at right angles with an optical axis of the photo-receiving optical system so as to form a predetermined measurement pattern image on a photo-receiving surface of the photodetector, and a calculation device for calculating a refractive power of the optical system to be measured based on the measurement pattern image.